Thank you for your purchase of an Elite Screens VMAX 3 Series Electric Projection Screen.

IMPORTANT SAFEGUARDS
Read these instructions carefully and retain them for future use. If this product is passed to a third party, then these instructions must be included.

Caution: The screen's Black Top Drop is already set to its maximum drop distance. There is NO extra Black Top Drop in the roller. Please be aware of this as it will void your warranty with Elite Screens®. Unapproved changes or modifications (except for cutting the power cord for hardwire installations) to this unit are prohibited and will void your warranty.

- To avoid damaging the unit, do not use with any unauthorized accessories not recommended by the manufacturer.
- Handle the unit carefully during transportation to avoid any damages.
- To ensure safe and reliable operation, direct connection to a properly grounded power source is advised.
- The power outlet supplying power to the unit should be close to the unit and easily accessible.
- Do not install the unit on uneven or inclined surfaces.
- Do not put heavy objects on the power cord and position it properly to avoid creating a trip obstacle.
- Never overload the power cord to prevent an electric shock or fire due to a loose contact or a short circuit.
- There are not user serviceable parts in this unit. Do not attempt to disassemble this unit by yourself. No one except authorized technicians can open and make repairs to this unit.
- Make sure the power source this unit is connected to has a continuous power flow.
- If there is need to use an extension cord, make sure the cord has an equal rating as the appliance to avoid overheat.
- Do not handle the power plug when your hands are wet or your feet are in contact with water.

Do not use this unit under the following circumstances.

- Disconnect the power cord under the conditions of heavy rain, wind, thunder or lightning.
- Avoid direct Sunshine, rain shower and moisture.
- Keep away from fire sources and high temperature to prevent this device from overheating.
- Cut off the power supply first before transportation or maintenance.
- Fully disconnect from the power supply when the unit is not in use for a long period of time, as should be done with any other electric household appliance.
- To avoid possible injury and/or an electric shock, do not attempt to use the screen if there is obvious damage or if there are any evident broken parts.

WARNING

Individual modifications to this product are prohibited and will void the manufacturer's warranty. Please contact the Elite Screens Customer Service Team with any questions.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

The product settings are designed to provide reasonable protection against any radio interference within a residential installation. If properly installed, the Evanesce Tab-Tension screen may suffer from RF interference from other home electronics.

Although radio interference affecting other household electronics is unlikely, the following steps can be taken should RF interference occur.
.
- ✓ **Reorient or relocate the receiving antenna on the device that may be casing the interference.**
- ✓ **Increase the distance between the screen and the interfering device's receiver.**
- ✓ **Connect the projection screen to another power source apart from the interfering device.**

Pre-Installation

1. Carefully unpack the screen.
2. Always handle the screen upright on a level, clean surface.
3. Keep the screen out of contact with foreign particles such as dust, sawdust, and/or liquids.
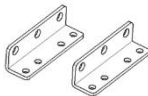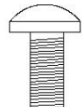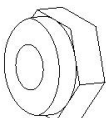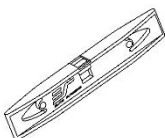
NOTE

Wall screws included with this product are complementary and may not be adequate for all mounting surfaces. Consult with a professional installer or hardware store for proper mounting screws and anchors.

Regardless of the mounting method, the screen should be securely supported so that the vibration or pulling on the viewing surface will not cause the casing to become loose or fall. Included mounting screws are complimentary and may not be appropriate for all mounting surfaces. Use appropriate anchors to safely secure the screen to the mounting surface or consult with a professional installer.

Hardware and Parts List					
Please make sure all parts listed below are included before proceeding with the installation.					
A. Bracket x 2	B. M5x11mm screw x 4	C. M5 Nut x 4	D. M5x50 screw & Dry-wall anchor x 6	E. Bubble Level	F. Wall/Ceiling mount bracket x2

Installation Instructions

For installation assistance, please consult a professional Installer. Elite Screens is not liable for faulty installations.

A. Wall Mount

Wall

Side View
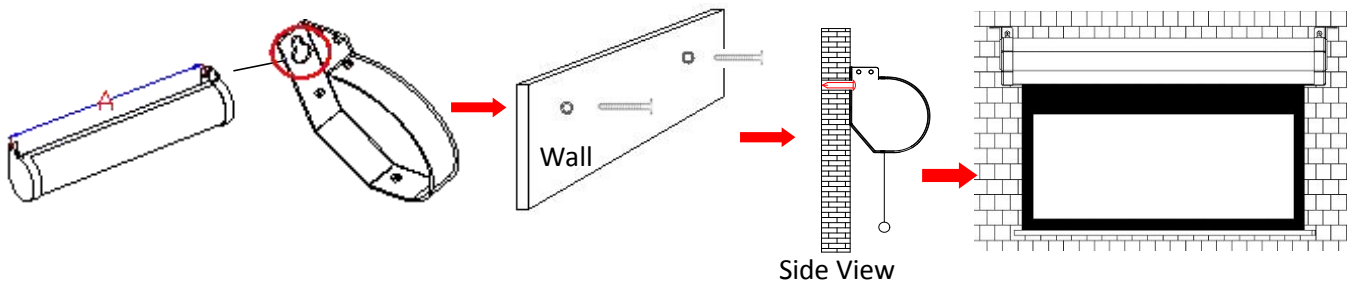
1. Measure the distance (A) between the screw holes at the end of brackets.
2. Drill two holes on the wall according to the distance (A) and insert the ***dry-wall anchor*** and ***M5x50 screw***, leaving 4mm of the screw protruding from the wall.
   Two or more people are required while one holds the screen in place.
3. Mount the product onto the screw.
4. Make sure the screen is properly leveled.
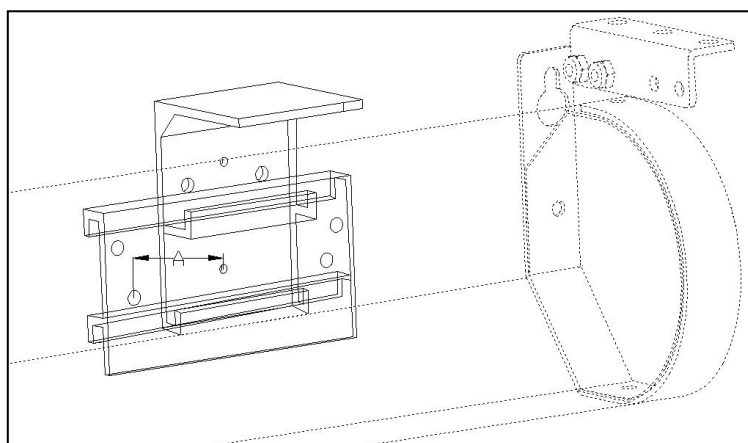
B. Ceiling Mount

I. Ceiling Mount

Ceiling

B
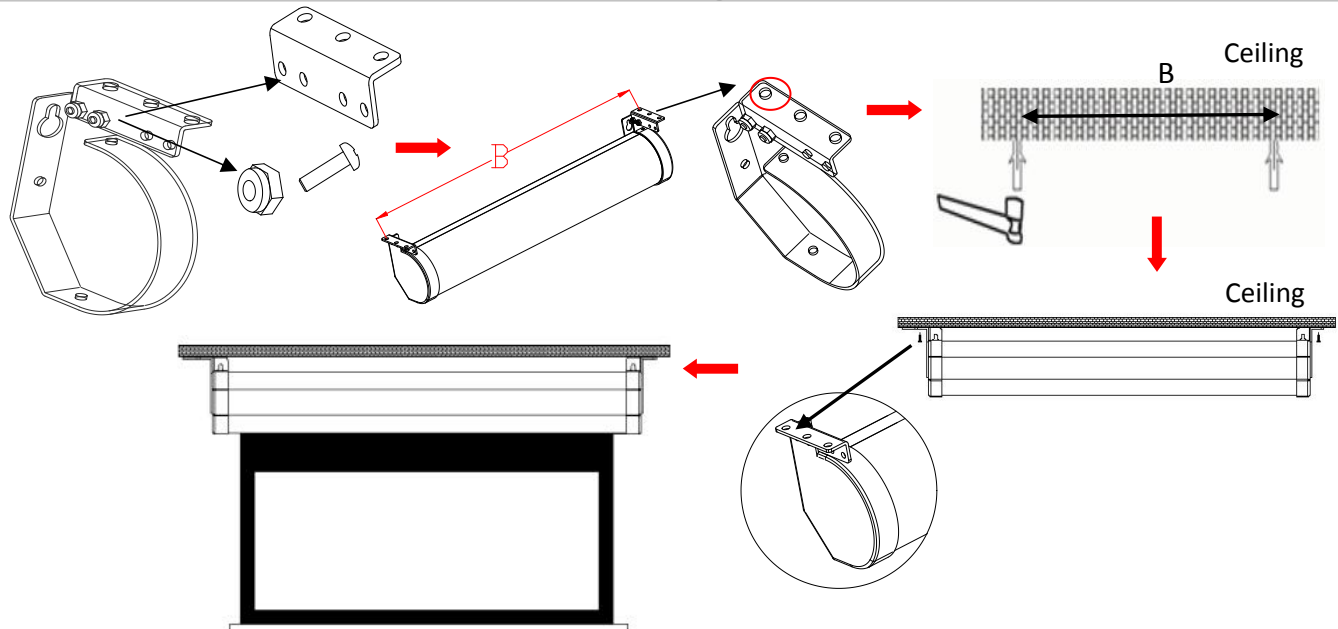
Ceiling

1. Attach the ***Bracket*** (A) to each side end cap using the ***M5x11 Bolt Screw and M5 Nut.***
2. Measure the distance (B) between the screw holes on the brackets. Drill 3 holes each side on the ceiling according to the distance B. Wood stud installation recommended but if not available, use dry-wall anchors.
3. Insert the dry-wall anchor and secure using a hammer.
   Two or more people are required while one holds the screen in place.
4. Align the hole position of the bracket with the drilled holes on the ceiling, and secure with ***M5x50 screw***.
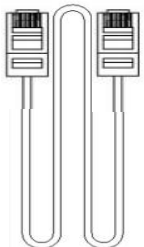5. Make sure the screen is properly leveled.

C. Wall Mount

This mount method allows the screen to slide horizontally.

Front view of bracket (F)   Wall
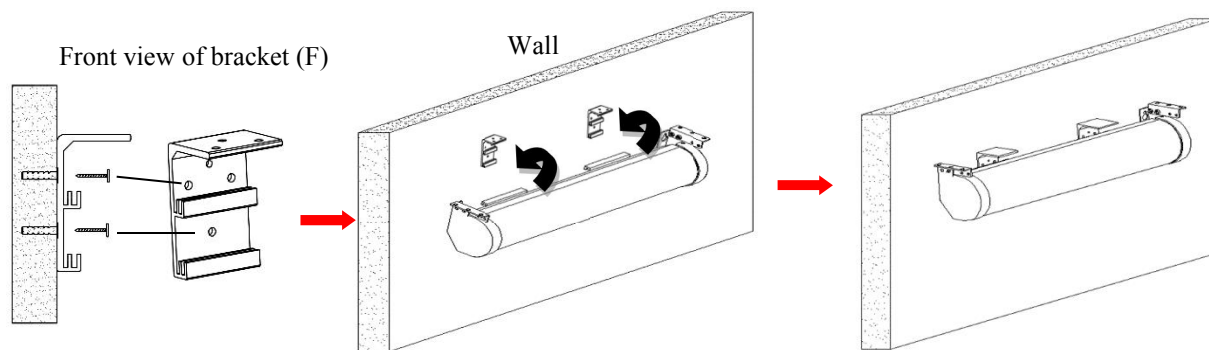
1. Determine where the screen will be installed. Then, measure and mark the distance between the top and bottom screw holes from each **Wall/Ceiling mount bracket** (F).
2. Drill a hole on all marked points and install the brackets with the *dry-wall anchor* (C), *M5x60 screw* (B), Make sure both brackets are properly leveled.
3. Hang the screen by placing the *lower* "catch" located on the back over the brackets *upper* "catch".
4. After making sure the screen is secured, you can slide it to left / right around 80mm to properly center it in bracket's position.
   ※ Sliding bracket at the back of the screen support customer to adjust position a little bit while screen has position issue, it can slide around 80mm from the center of sliding bracket at the back of the screen. (Fig.
   ※ Two or more people are required while one holds the screen in place.
   ※ Noticed of sliding bracket application:
   Please make sure the adjustment of sliding bracket is within 80mm range from the center of bracket, it allows customer to slide the casing a little bit to adjust the position to the correct one while the bracket got tolerance of installation. (A = 80mm)

VMAXT3 Series | Controls and Accessories

A. IR Remote ZRC1-IR	B. RF Remote ZRC1-RF	C. Wall box controller ZRC1-WB	D. RJ50 cable ZRC1-RJ50	E. Bubble leveler

Screen operation

Electric voltage: 100 ~ 110v.

1. After ensuring the power outlet & screen are compatible (voltage), plug the power cord into the power outlet.
2. Once the screen has power, you'll be able to control it using any of the 5 methods described below.
3. Remote controller requires AAA batteries (not included).

5 Ways to control the screen

1. IR Remote control (**Item A, Fig 1**): The Infrared functions by direct line of sight contact using an effective beam range of 25 feet within a 30-degree angle. Aim the IR remote directly at either the IR receiver on the Wall Box Controller or on the screen to operate the screen.

Note: Assure there is no obstruction between the IR remote and IR receiver.

IR Lens (IR remote only)

2. *RF Remote Control* (**Item B**): The radio waves eliminate the need for a direct line of sight and has a longer distance control range.

LED light
UP
STOP
DOWN

The RF remote is already pre-synced/paired and ready to use. If synchronization/ pairing is needed, please follow the steps below.
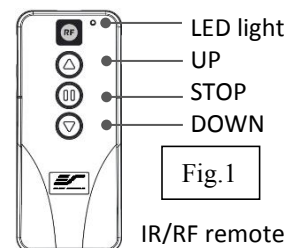
Fig.1

IR/RF remote

How to synchronize/pair a new RF remote:

- Press & hold the "**Programming Key**", then press the "**Up Key**" on the **Wall box controller** (wall-box LED flashes). *Reference the wall box controller section for programming key location.*
- Then press the "**Up Key**" on the **RF remote**.
- The **Wall box** LED will flash 5 times, to indicate the RF remote has been properly synchronized/paired.

How to change the RF code (For use when multiple screens/RF remotes are owned, Fig.2)

Changing the RF code avoids controlling multiple screens at the same time and prevents electrical interference leading to accidental control of the screen.

1. Remove the batteries
2. Change the RF code switch
3. Insert the batteries
4. Synchronize it with the wall box controller
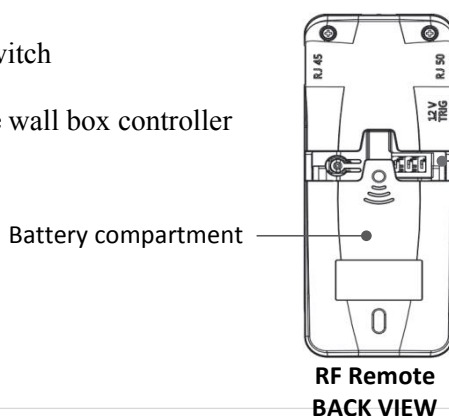
Slide Switches for RF Code change

Battery compartment

Fig. 2

RF Remote BACK VIEW

0
1
MSB   LSB

Default "000"

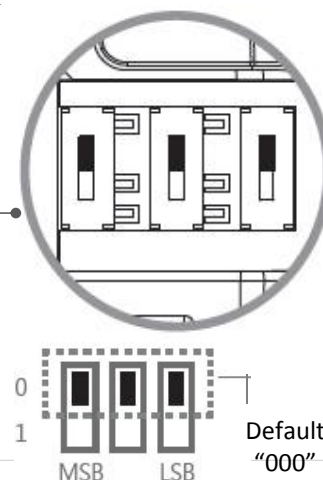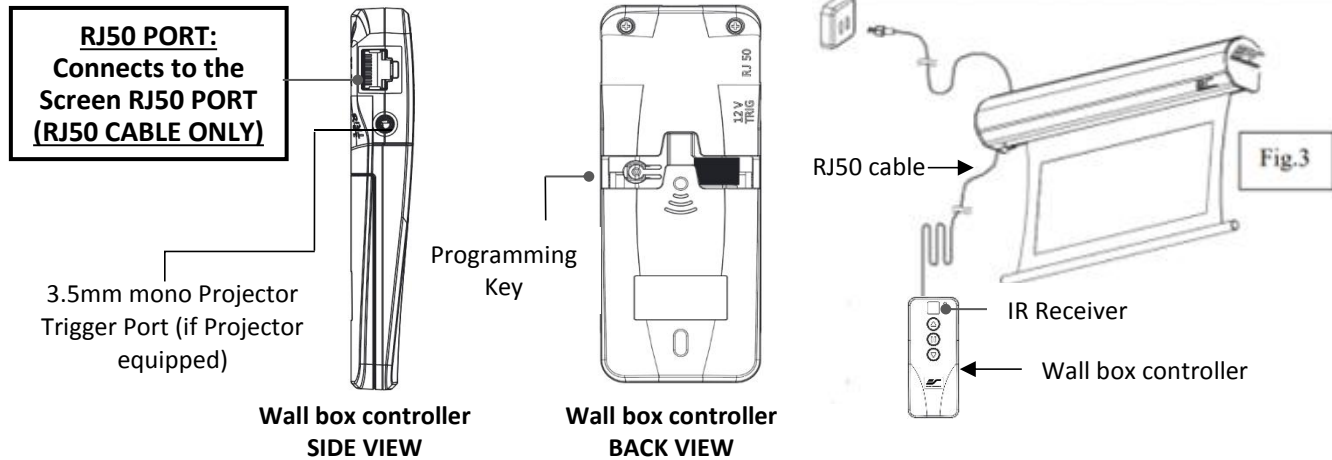**3.** _Wall box controller_ (**Item C, Fig 3**): The wall box controller switch is a wall mounted control box with an up/stop/down button. It plugs directly into the screen's RJ50 port.


RJ50 PORT:
Connects to the
Screen RJ50 PORT
(RJ50 CABLE ONLY)

3.5mm mono Projector Trigger Port (if Projector equipped)

Programming Key

RJ50 cable

Fig.3

IR Receiver

Wall box controller

Wall box controller SIDE VIEW

Wall box controller BACK VIEW

4._Wired 5-12 volt trigger:_ Requires a 3.5mm to 3.5mm mono cable (**Not included**)

Step 1: Connect one end the RJ50 cable to the screen and the other end to the Wall box controller.

Step 2: Then connect one end the 3.5mm mono cable to the wall box controller and the other to the projector.
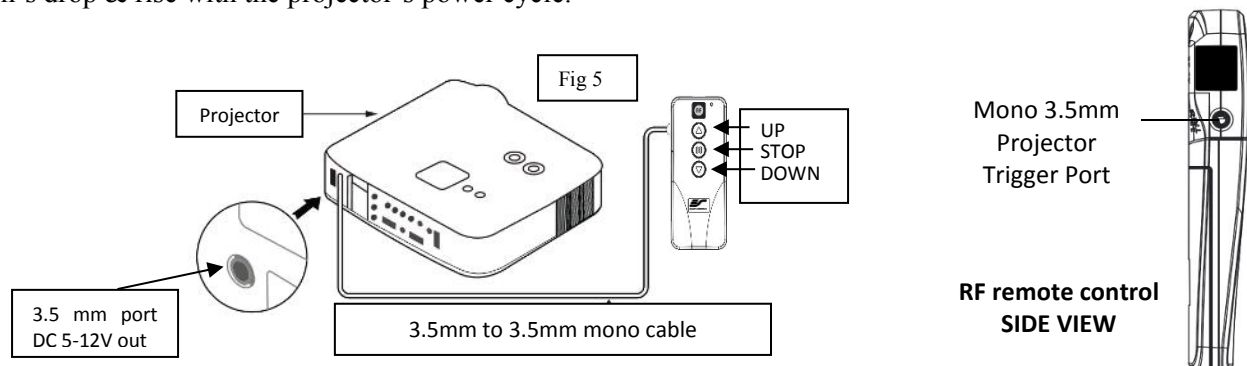Once the two cables have been connected, the wired trigger feature is ready to synchronize the screen's up/down operation with the projector's power cycle.

- Projector on, screen drops
- Projector off, screen raises

RJ50 cable

Fig. 4

Projector

Wall box controller

3.5 mm port DC 5-12V out

3.5mm to 3.5mm mono cable
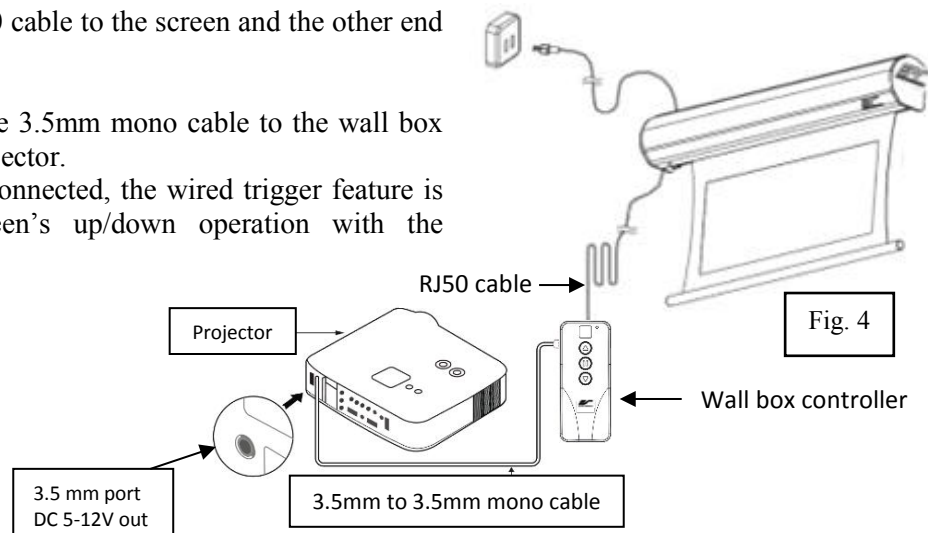
5. _Wireless 5-12 volt trigger_ (**Fig 5**): Requires a 3.5mm to 3.5mm mono cable (**Not included**).

The Radio Frequency (RF) remote control serves as a dual purpose, independently as a handheld remote control, or as a Wireless 5-12 volt trigger. The radio frequency technology sends a wireless signal that synchronizes the screen's drop & rise with the projector's power cycle.

Fig 5

Projector

UP
STOP
DOWN

Mono 3.5mm Projector Trigger Port

3.5 mm port DC 5-12V out

3.5mm to 3.5mm mono cable

RF remote control SIDE VIEW

Here's how to set up your Wireless 5-12 volt trigger

The 5-12V wireless trigger should already be synced and ready to work.

Step1: Connect one end of the 3.5 mm mono trigger cable to the RF remote.

Step 2: Connect the other 3.5 mm mono end of the cable to your projector

Step 3: Turn on the projector and the screen should automatically deploy.

Step 4: Turn off your projector and the screen should automatically retract.

(Please be aware, the projector on/off cycle may take longer to fully activate. It usually takes around 20- 30seconds for full off and on cycle each time)

Note: If the wireless trigger feature does not work, please resync the RF remote to the Wall box controller per the instructions in the Radio Frequency remote section.

ADVANCED Programming Key Instructions: (FOR ADVANCED USERS ONLY)
Wall box controller must be connected to the screen.

> **ATTENTION: Reducing the factory's full screen drop may produce waves/wrinkles on the projection surface on tab-tension screens. The full drop is recommended to allow the screen to rely on the tab-tension system to maintain the projection surface flat and taut on all sides.**
>
> **The same applies on non-tensioned screens, although some level of waves may be present due to the nature of the screen not being tensioned. If wrinkles/waves develop after making the adjustment to the desired drop position, reset it to the factory's default position per the instructions below.**
>
> **FLATNESS AFFECTED BY NEW PROGRAMMED VERTICAL POSITION IS NOT COVERED UNDER A REPLACEMENT WARRANTY.**

1. Preset the Screen's Drop Position:

Use the RF/IR remote or Wall Box Controller to Drop the screen to the desired position you want to set it at. Press & hold the "**Programming Key**", then press the "**Down key**" on the Wall Box Controller. The LED will flash 5 times to confirm new programmed drop position.

> **PROGAMMING NOTE:**
> The programmed vertical position relies on a time-count which adjusts itself according to the programmed timed difference. Multiple up/down programming will result in the vertical position being off a few inches. It is recommended that programming is done the **first-time** the desired vertical position is determined or RESET it to factory default and programming the desired vertical position afterwards.

2. Clear/Reset the Screen's Drop Position to factory default:

Press & hold the "**Programming Key +** "**Stop key**" on the wall box controller.

For more information, support or your local Elite Screens contact, please visit www.elitescreens.com